

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 9/19/01 are:

- A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

___ Color drawings are not acceptable until petition is granted. Fig(s) ___
___ Pencil and non black ink not permitted. Fig(s) ___

2. PHOTOGRAPHS. 37 CFR 1.84(b)

___ One (1) full-tone set is required. Fig(s) ___
___ Photographs may not be mounted. 37 CFR 1.84(c)
___ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) ___
___ Poor quality (half-tone). Fig(s) ___

3. TYPE OF PAPER. 37 CFR 1.84(e)

___ Paper not flexible, strong, white, and durable. Fig(s) ___
___ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) ___

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

___ 21.0 cm by 29.7 cm (DIN size A4) or
___ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)

___ All drawing sheets not the same size. Sheet(s) ___

___ Drawings sheets not an acceptable size. Fig(s) ___

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

___ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

___ Margins not acceptable. Fig(s) ___

___ Top (T) ___ Left (L) ___

___ Right (R) ___ Bottom (B) ___

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

___ Views not labeled separately or properly. Fig(s) ___

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

___ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) ___

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

___ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ___

9. SCALE. 37 CFR 1.84(k)

___ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) ___

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

___ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) ___

11. SHADING. 37 CFR 1.84(m)

___ Solid black areas pale. Fig(s) ___
___ Solid black shading not permitted. Fig(s) ___

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

___ Numbers and reference characters not plain and legible. Fig(s) ___

___ Figure legends are poor. Fig(s) ___

___ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) ___

___ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) ___

___ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) ___

13. LEAD LINES. 37 CFR 1.84(q)

___ Lead lines missing. Fig(s) ___

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

___ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) ___

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) ___

16. DESIGN DRAWINGS. 37 CFR 1.152

___ Surface shading shown not appropriate. Fig(s) ___

___ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) ___

COMMENTS:

- Faded data / lines of (Fig 1-17)
- Data/parts in shaded areas not shown clearly (Fig 1C, 1E, 9F, 10)

Reviewer WJ
If you have questions, call (703) 305-8404.

Date 11/10/03
Attachment to Paper No. 11/17/03

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities – 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application